



PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO

Application Number

09/822,126

Filing Date

3/30/2001

First Named Inventor

Hassan Serhan

Group Art Unit

3731

Examiner Name

Manahan

Attorney Docket Number

DEP0546

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 9

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
	Cite No. ¹	Kind Code ² Number			
	AA	3,463,158	Schmitt et al.	08-26-1969	
	AB	3,710,789	Ersek	01-16-1973	
	AC	4,403,606	Woo et al.	09-13-1983	
	AD	4,409,868	Drummond	10-18-1983	
	AE	4,411,259	Drummond	10-25-1983	
	AF	4,570,623	Ellison et al.	02-18-1986	
	AG	4,641,636	Cotrel	02-10-1987	
	AH	4,743,260	Burton	05-10-1988	
	AI	4,773,406	Spector et al.	09-27-1988	
	AJ	4,792,336	Hlavacek et al.	12-20-1988	
	AK	4,815,453	Cotrel	03-28-1989	
	AL	4,820,305	Harms et al.	04-11-1989	

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Examiner Initials	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁴
	Cite No. ¹	Office ³	Number ⁴	KindCode ⁵			
	BA	WO	90/07304	A1	Biocon Oy	07-12-1990	
	BB	WO	91/06249	A1	Botros Bahaa Seedhom	05-16-1991	
	BC	WO	93/22989	A1	Robert M. Campbell Jr.	11-25-1993	
	BD	WO	94/21185	A1	David C. Holmes	09-28-1994	
	BE	WO	98/51226	A3	SDGI Holdings Inc.	11-19-1998	
	BF	WO	00/03653	A2	Theken Surgical LLC	01-27-2000	
	BG	WO	00/59388	A1	Surgical Dynamics Inc.	10-12-2000	

Examiner Signature	Todd E. Manahan	Date Considered	4-5-05
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Substitute for form 1449A/PTO		Application Number	09/822,126
		Filing Date	3/30/2001
		First Named Inventor	Hassan Serhan
		Group Art Unit	3731
		Examiner Name	Manahan
		Attorney Docket Number	DEP0546

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Sheet 2 of 6

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		Number	Kind Code ² (if known)			
	AM	4,887,892		Krag et al.	01-29-1991	
	AN	5,002,576		Fuhmann et al.	03-26-1991	
	AO	5,022,855		Jeckel	06-11-1991	
	AP	5,074,864		Cozad et al.	12-24-1991	
	AQ	5,084,051		Tormala et al.	01-28-1992	
	AR	5,102,421		Anspach, Jr.	04-07-1992	
	AS	5,108,395		Laurain	04-28-1992	
	AT	5,112,332		Cozad et al.	05-12-1992	
	AU	5,116,334		Cozad et al.	05-26-1992	
	AV	5,147,359		Cozad et al.	09-15-1992	
	AW	5,152,303		Allen	10-06-1992	
	AX	5,154,718		Cozad et al.	10-13-1992	
	AY	5,156,616		Meadows et al.	10-20-1992	

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		Office ³	Number ⁴	Kind Code ⁵				
	BH	WO	00/643262	A2	ADGI Holdings Inc.	11-02-2000		
	BI	WO	00/72782	A1	Smith & Nephew PLC	12-07-2000		
	BJ	FR	2 612 392	A1	Michel Audion	03-18-1987		
	BK	DE	2914164	C1	Erich Wintermantel	01-03-1991		
	BL	EP	0 507 162	A1	Arnold Keller	03-20-1992		
	BM	AU	25222/92	A1	Henry Graf	09-18-1992		

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Sheet 3 of 9

Application Number 09/822,126

Filing Date 3/30/2001

First Named Inventor Hassan Serhan

Group Art Unit 3731

Examiner Name Manahan

Attorney Docket Number DEP0546

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		Number	Kind Code ² (if known)			
	AZ	5,180,393		Commamond	01-19-1993	
	AAA	5,201,734		Cozad et al.	04-13-1993	
	AAB	5,281,913		Marmay	11-16-1993	
	AAC	5,306,308		Gross et al.	04-26-1994	
	AAD	5,330,473		Howland	07-19-1994	
	AAE	5,344,421		Crook	09-04-1994	
	AAF	5,348,492		Morgan	09-13-1994	
	AAG	5,380,324		Muller et al.	01-10-1995	
	AAH	5,384,148		Lin	01-24-1995	
	AAJ	5,405,391		Henderson et al.	04-11-1995	
	AAK	5,415,881		Holmes	05-16-1995	
	AAK	5,443,483		Kirsch	08-22-1995	

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Sheet 4 of 9

Application Number	09/822,126
Filing Date	3/30/2001
First Named Inventor	Hassan Serhan
Group Art Unit	3731
Examiner Name	Manahan
Attorney Docket Number	DEP0546

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		Kind Code ²	Number (if known)			
	AAL	5,453,227		Reiger	09-28-1995	
	AAM	5,456,722		McLeod et al.	10-10-1995	
	AAN	5,462,478		Fredsby et al.	10-31-1995	
	AAO	5,527,311		Procter et al.	08-18-1996	
	AAP	5,531,745		Ray	07-02-1996	
	AAQ	5,531,747		Ray	07-02-1996	
	AAR	5,531,751		Schultheiss et al.	07-02-1996	
	AAS	5,536,274		Neuss	07-16-1996	
	AAT	5,540,703		Barker, Jr. et al.	07-30-1996	
	AAU	5,549,678		Kuslich	08-27-1996	
	AAV	5,562,738		Ray et al.	10-08-1996	
	AAW	5,571,109		Bertagnoli	11-05-1996	

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		Office ³	Number ⁴	KindCode ⁵				

Examiner Signature	Iodd E. Manahan Examiner	Date Considered	4-3-05
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Application Number 09/822,126

Filing Date 3/30/2001

First Named Inventor Hassan Serhan

Group Art Unit 3731

Examiner Name Manahan

Attorney Docket Number DEP0546

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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
	AAX	5,601,554		Howland et al.	02-11-1997	
	AAY	5,628,756		Barker, Jr. et al.	05-13-1997	
	AAZ	5,645,598		Kim et al.	07-08-1997	
	ABA	5,674,295		Ray et al.	10-07-1997	
	ABB	5,674,296		Bryan et al.	10-07-1997	
	ABC	5,676,703		Gelbard	10-14-1997	
	ABD	5,681,310		Yuan et al.	10-28-1997	
	ABE	5,681,311		Foley et al.	10-28-1997	
	ABF	5,683,391		Boyd	11-04-1997	
	ABG	5,693,099		Harla	12-02-1997	
	ABH	5,709,683		Bagby	01-20-1998	
	ABI	5,735,899		Schwartz et al.	04-07-1998	

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Sheet 6 of 9

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First Named Inventor Hassan Serhan

Group Art Unit 3731

Examiner Name Manahan

Attorney Docket Number DEP0546

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	ABJ	5,741,253		Michelson	04-21-1998	
	ABK	5,766,176		Duncan	06-16-1998	
	ABL	5,766,254		Gelbard	06-16-1998	
	ABM	5,797,917		Boyd et al.	08-25-1998	
	ABN	RE. 37005		Michelson	12-26-2000	
	ABO	5,857,995		Thomas et al.	01-12-1999	
	ABP	5,885,287		Bagby	03-23-1999	
	ABQ	5,888,221		Gelbard	03-30-1999	
	ABR	5,888,223		Bray, Jr.	03-30-1999	
	ABS	5,899,902		Brown et al.	05-04-1999	
	ABT	5,925,056		Thomas et al.	07-20-1999	
	ABU	5,972,368		McKay	10-26-1999	

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Examiner Signature

Todd E. Manahan

Date Considered

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	ABV	6,010,502		Bagby	01-04-2000	
	ABW	6,022,376		Assell et al.	02-08-2000	
	ABX	6,045,552		Zucherman et al.	04-04-2000	
	ABY	6,093,205		McLeod et al.	07-25-2000	
	ABZ	6,120,503		Michelson	09-19-2000	
	ACA	6,136,001		Michelson	10-24-2000	
	ACB	6,136,002		Shih et al.	10-24-2000	
	ACC	6,139,551		Michelson et al.	10-31-2000	
	ACD	6,156,067		Bryan et al.	12-05-2000	
	ACE	6,187,009		Herzog et al.	02-13-2001	
	ACF	6,298,643		Hopf et al.	10-02-2001	
	ACG	6,298,613		Ogilvie et al.	10-09-2001	

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Examiner
Signature

TODD E. MANAHAN
Primary Examiner

Date
Considered

4-5-05

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Attorney Docket Number	DEP0546

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
		4,610,688		Silvestrini et al.	09/1988	
		4,685,951		Ellis	05/1987	
		4,728,329		Mansat	03/1998	
		4,755,183		Kenna	07/1988	
		4,772,287		Ray et al.	09/1988	
		4,834,755		Silvestrini et al.	05/1989	
		4,883,486		Kapadia et al.	11/1989	
		4,904,260		Ray et al.	02/1990	
		4,917,700		Alkins	04/1990	
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		Office ³	Number ⁴	KindCode ⁵				
		EP	0304305		Cedar Surgical	03/1987		
		EP	0353938		RayMedica, Inc.	02/1990		
		WO	98/55053		Raymedica, Inc.	12/1998		
		WO	99/47082		Raymedica, Inc.	09/1999		
		WO	99/62439		Raymedica, Inc.	12/1999		
		WO	00/64365		SDGI Holdings	11/2000		
		FR	2709410		Societe dite JBS Societe	09/1993		

Examiner Signature	Todd E. Mahanhan Primary Examiner	Date Considered	4-5-05
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Application Number 09/822,126

Filing Date March 30, 2001

First Named Inventor Serhan et al.

Group Art Unit 3732

Examiner Name Manahan, Todd E

Attorney Docket Number DEP546

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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		Number	Kind Code ² (if known)			
		5,376,188		Kaplan et al.	12/1994	
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		5,397,359		Mittelmeier	03/1994	
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		Office ³	Number ⁴	KindCode ⁵				
		EP	0507162		Waldemar Link GmbH & co			
		FR	2612392		Dr. Michel Audion			

Examiner Signature	Todd E. Manahan	Date Considered	4-5-05
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		Number	Kind Code ² (If known)			
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		8,121,172		Marcolongo et al.	09/2000	
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		Office ³	Number ⁴	KindCode ⁵				

Todd E. Manahan

Examiner Signature	Primary Examiner	Date Considered
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Sheet 4 of 4

Application Number	09/822,126
Filing Date	March 30, 2001
First Named Inventor	Serhan et al.
Group Art Unit	3732
Examiner Name	Manahan, Todd E
Attorney Docket Number	DEP546

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature: Todd E. Manahan Primary Examiner Date Considered: 4-5-05

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		Number	Kind Code ⁴ (if known)			
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		US 4,570,624		Wu	02/18/1986	
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		US 5,769,894		Ferragamo	06/23/1998	
		US 5,989,256		Kuslich et al.	11/23/1999	
		US 6,086,589		Kuslich et al.	07/11/2000	
		US 6,366,940		Graf et al.	01/08/2002	
		US 6,652,585	B2	Lange	11/25/2003	
		US 2002/0123750	A1	Eisenmann et al.	09/05/2002	
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		Office ³	Number ⁴	KindCode ⁵				
		WO	02/067793	A2	Serbousek et al.	09/06/2002		
		WO	02/078574	A1	Serhan et al.	10/10/2002		
		WO	00/67651	A1	Carl et al.	11/16/2000		
		NL	1009471	C2	Verdult	06/23/1998		✓

Examiner Signature	Todd E. Manahan	Date Considered	4-5-05
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